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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/625,712	07/26/2000	Rhett Drugge	RD-001	7895

21832 7590 10/26/2006

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EXAMINER
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ROBINSON, DANIEL LEON

ART UNIT	PAPER NUMBER
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3742

DATE MAILED: 10/26/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/625,712

Applicant(s)

DRUGGE, RHETT

Examiner

Daniel L. Robinson

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 21 July 2006.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-80 is/are pending in the application.
- 4a) Of the above claim(s) 3-6, 22-29, 40, 51-73 and 75-80 is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed:
- 6) ☒ Claim(s) 1, 2, 9-21, 30-39, 41-50 and 74 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_

***Response to Election***

Applicant's election without traverse of Group I, Species B, Claims 1-2, 9-21, 30-39, 41-50 and 74 in the reply filed on 7-21-2006 is acknowledged.

***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

Claims 1, 2, 9-21, 33, 36-39, 43, and 74 are rejected under 35 U.S.C. 102(e) as being clearly anticipated by Zeman (U.S.Pat.6,556,858).

***Claim Rejections - 35 USC § 103***

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The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 30-32, 34-35, 41, 42 and 50 are rejected under 35 U.S.C. 103(a) as being unpatentable over Zeman in view of Li et al.(U.S.Pat.7,092,014). Zeman discloses an infrared light imaging system that shows many of the features of the claimed invention but fails to show 360 degree viewing, a PDA, USB or computer monitor. Li discloses a scene capturing and view rendering based on a longitudinally aligned camera array that shows all the features absent from Zeman. It would have been obvious to one of ordinary skill in the art at the time of the claimed invention to use 360 degree viewing to view a 3d object and a USB linked computer monitor as taught by Li so as to view in realtime or anytime.

Claim 51 is rejected under 35 U.S.C. 103(a) as being unpatentable over Zeman in view of Li as applied to claims 30-32, 34-35, 41, 42 and 50 above, and further in view of Mick et al.(U.S.Pat.5,261,404). Zeman in view of Li does not show voice control. Mick discloses a three dimensional mammal anatomy imaging system and method that shows voice control. It would have been obvious to one of ordinary skill in the art at the time of the claimed invention to use voice control so as to free hands up for object manipulation.

Claims 44-49 are rejected under 35 U.S.C. 103(a) as being unpatentable over Zeman in view of Wake (U.S.Pat.6,339,216). Zeman discloses an infrared light imaging system that shows many of the features of the claimed invention but fails to explicitly show an enclosed area. Wake discloses a time-resolved breast imaging device that explicitly shows an enclosed area. It would have been obvious to one of ordinary skill in the art at the time of the claimed invention to use the enclosed area as taught by Wake with the device of Zeman so as to illuminate a breast.

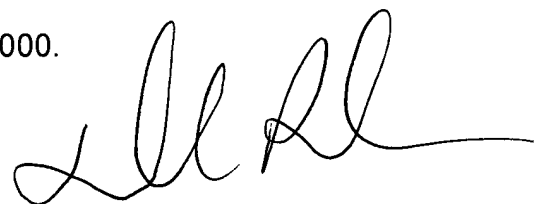
The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Fontenot, Diab, Diab'986, Fontenot'306 and Kitajima are cited to show structure and methods similar to the claimed invention.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Daniel L. Robinson whose telephone number is 571-272-4788. The examiner can normally be reached on m-f 5:30-2:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Robin Evans can be reached on 571-272-4777. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

A handwritten signature in black ink, appearing to read 'D. Robinson', with a long horizontal flourish extending to the right.

**DANIEL ROBINSON**  
**PRIMARY EXAMINER**

dlr